

CONSTRUCTION OF GEOTECHNICAL BOREHOLES AND GROUNDWATER MONITORING SYSTEMS HANDBOOK

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<http://gis.dotd.state.la.us/wells/intro.html> or www.deq.state.la.us Comments, questions or suggestions to improve this document may be sent to the above address or by e-mail to bschramm@deq.state.la.us with cc to BoBolourchi@dotd.state.la.us

FOREWORD

This handbook has been prepared by the Louisiana Department of Environmental Quality (LDEQ) and the Louisiana Department of Transportation and Development (LDOTD) after review of guidance documents prepared by the U.S. Environmental Protection Agency, American Society of Testing Materials, U.S. Army Toxic and Hazardous Materials Agency, and the National Ground Water Association. Much of the information contained in this document has been obtained from these publications and adapted to the hydrogeology of the State.

This document is intended to provide a reliable and uniform reference of the preferred materials, procedures and practices for the construction and plugging and abandonment of groundwater monitoring and recovery systems and boreholes. It is not intended to present any specific regulation or regulatory program, however, it will guide the user in meeting regulatory requirements. The user should always consult the specific regulation or contact the appropriate regulatory authority.

The use of procedures or materials that deviate from this guidance, without prior approval, may result in the work not being accepted.

The LDOTD has licensing authority over well drilling contractors operating in the State. All borehole, monitoring well, recovery well and piezometer installations, including plugging and abandonment, shall be in accordance with this handbook and the Louisiana Water Well Rules and Regulations and Standards and shall be registered with that authority.

Both Departments thank the regulated community for their patience, input, and cooperation during the preparation of this handbook. The LDEQ and LDOTD are optimistic that following the construction and plugging and abandonment procedures contained in this document will result in well installation capable of providing quality samples for groundwater analysis and also insure that adequate plugging and abandonment procedures are practiced.

This handbook may be revised periodically upon mutual consent of both the LDEQ and LDOTD.

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